Duke Energy®
Carolinas

DUKE ENERGY CAROLINAS, LLC
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Charlotte, NC 28202

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October 1, 2010

Jocelyn Boyd, Chief Clerk of the Commission
Public Service Commission of South Carolina
P. O. Drawer 11649
Columbia, South Carolina 29211

RE: Duke Energy Carolinas, LLC
Docket No. 1989-9-E

Dear Jocelyn:

Pursuant to the Commission's Orders in the above captioned docket, enclosed for filing are the following reports for the month of August 2010:

1. Monthly Fuel Cost Report (Exhibit A).

2. Base Load Power Plant Performance Report (Exhibit B).

Should you have any questions regarding this matter, please contact Brian Franklin at 980.373.4465.

Sincerely,

Charles A. Castle

pa

Enclosures

cc: Office of Regulatory Staff
Dan Arnett, Chief of Staff
Shannon Hudson, Staff Attorney
Jeff Nelson, Staff Attorney
John Flitter

South Carolina Energy Users Committee
Scott Elliott, Esquire

Brian L. Franklin

DUKE ENERGY CAROLINAS
SUMMARY OF MONTHLY FUEL REPORT
SC Code Ann. §58-27-865 (Supp. 2009)

Line No.	Fuel Expenses:	August 2010
1	Fuel and fuel-related costs	$ 203,729,283
2	Less fuel expenses (in line 1) recovered through intersystem sales (a)	7,125,415
3	Total fuel and fuel-related costs (line 1 minus line 2)	$ 196,603,868
	MWH sales:	
4	Total system sales.	8,387,425
5	Less intersystem sales	139,914
6	Total sales less intersystem sales	8,247,511
7	Total fuel and fuel-related costs (¢/KWH) (c) (line 3/line 6)	2.3838
8	Current fuel and fuel-related cost component (¢/KWH) (per Schedule 4, Line 2 + Line 8)	1.9653
	Generation Mix (MWH):	
	Fossil (by primary fuel type):	
9	Coal	4,190,981
10	Biomass	3,479
11	Fuel Oil	117
12	Natural Gas	167,304
13	Total fossil	4,361,881
14	Nuclear 100%	5,185,344
15	Hydro - Conventional	103,846
16	Hydro - Pumped storage	(92,599)
17	Total hydro	11,247
18	Solar Distributed Generation	611
19	Total MWH generation	9,559,083
20	Less joint owners' portion	1,360,693
21	Adjusted total MWH generation	8,198,390
	(a) Line 2 includes:	
	Fuel from intersystem sales (Schedule 3)	$ 7,078,807
	Fuel in loss compensation	46,608
	Total fuel recovered from intersystem sales	$ 7,125,415

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
SC Code Ann. §58-27-865 (Supp. 2009)

Fuel and fuel-related costs:	August 2010
Steam Generation - FERC Account 501	
0501110 coal consumed - steam	$ 156,227,835
0501222, 0501223 biomass/test fuel consumed (@ avoided fuel cost)	124,733
0501310 fuel oil consumed - steam	330,207
0501330 fuel oil light-off - steam	742,709
Total Steam Generation - Account 501	157,425,484
Environmental Costs	
0509000, 0557451 emission allowance expense	41,353
0502020, 030, 040 reagents expense	2,318,842
Emission allowance gains	(19,000)
Total Environmental Costs	2,341,195
Nuclear Generation - FERC Account 518	
0518100 burnup of owned fuel	22,321,569
0518600 nuclear fuel disposal cost	4,865,667
Total Nuclear Generation - 100%	27,187,236
Less joint owners' portion	7,064,235
Total Nuclear Generation - Account 518	20,123,001
Other Generation - FERC Account 547	
0547100 natural gas consumed	8,163,707
0547200 fuel oil consumed - CT	73,958
Total Other Generation - Account 547	8,237,665
Solar Distributed Generation @ Avoided Fuel Cost	30,000
Total fossil and nuclear fuel expenses included in base fuel component	188,157,345
Fuel related component of purchased and interchange power per Schedule 3	12,743,494
Fuel related component of purchased power (economic accrual)	2,828,444
Total fuel and fuel-related costs	$ 203,729,283

DUKE ENERGY CAROLINAS
DETAILS OF FUEL AND FUEL-RELATED COSTS
SC Code Ann. §58-27-865 (Supp. 2009)

Other fuel expenses not included in fuel and fuel-related costs:	August 2010
Net proceeds from sale of by-products	$ 72,007
0501223 biomass avoided fuel cost excess	34,971
0518610 spent fuel canisters-accrual	222,717
0518620 canister design expense	41,208
0518700 fuel cycle study costs	156,314
Non-fuel component of purchased and interchanged power	8,355,628
Total other fuel expenses not included in fuel and fuel-related costs:	$ 8,882,845
Less Solar Distributed Generation @ Avoided Fuel Cost	(30,000)
Adjusted total other fuel expenses not included in fuel and fuel-related costs:	$ 8,852,845
Total FERC Account 501 - Total Steam Generation	157,460,456
Total FERC Account 518 - Total Nuclear Generation	20,543,240
Total FERC Account 547 - Other Generation	8,237,665
Total Reagents Expense	2,318,842
Total Gain/Loss from Sale of By-Products	72,007
Total Emission Allowance Expense	41,353
Total Gain/Loss from Sale of Emission Allowances	(19,000)
Total Purchased and Interchanged Power Expenses	23,927,566
Total Fuel, Fuel Related and Purchased Power Expenses	$ 212,582,129

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA

AUGUST 2010

Schedule 3, SC, Purchases, Month
Exhibit A, Page 1 of 4

Purchased Power	Total	Capacity		Non-Capacity		
Marketers, Utilities, Other	$	MW	$	MWH	Fuel $	Non-Fuel $
Associated Electric Cooperative Inc.	89,360	-	-	2,750	54,510	34,850
Blue Ridge Electric Membership Corp.	2,331,531	86	992,270	52,288	816,949	522,312
Calpine Power Services Marketing	227,822	-	-	4,296	138,971	88,851
Cargill Power Marketers LLC	327,054	-	-	10,082	199,503	127,551
City of Kings Mtn	8,979	3	8,979	-	-	-
Constellation	65,856	-	-	1,766	40,172	25,684
Haywood Electric	318,802	20	81,078	9,171	145,012	92,712
Lockhart Power Co.	19,272	7	19,272	-	-	-
MISO	592	-	-	-	361	231
NCEMC	7,307	-	-	731	4,143	3,164
NCMPA	2,966,804	-	-	76,656	1,670,030	1,296,774
Piedmont Electric Membership Corp.	1,195,211	42	502,388	26,568	422,622	270,201
PJM Interconnection LLC	6,061,365	-	-	182,212	3,697,432	2,363,933
Progress Energy Carolinas	45,600	-	-	1,200	62,178	(16,578)
Rutherford Electric Membership Corp.	45,049	-	-	1,896	27,480	17,569
SC Electric & Gas	-	-	-	-	(1,798)	1,798
Southern	136,400	-	-	2,800	83,204	53,196
SPCO - Rowan	4,324,901	456	1,359,984	48,788	2,821,998	142,919
The Energy Authority	308,318	-	-	7,981	188,075	120,243
Town of Dallas	584	-	584	-	-	-
Town of Forest City	20,148	7	20,148	-	-	-
Generation Imbalance	356,247	-	-	8,081	213,760	142,487
Energy Imbalance - Purchases	229,034	-	-	1,905	139,710	89,324
Energy Imbalance - Sales	(156,879)	-	-	-	(139,493)	(17,386)
	$ 18,929,357	**621**	**$ 2,984,703**	**439,171**	**$ 10,584,819**	**$ 5,359,835**

Purchased Power	Total	Capacity		Non-Capacity		
Cogen, Purpa, Small Power Producers	$	MW	$	MWH	Fuel $	Non-Fuel $
203 Neotrantor LLC	109	-	-	1	-	109
Advantage Investment Group, LLC	1,313	-	-	17	-	1,313
AKS Real Estate Holdings LLC	26	-	-	-	-	26
Alamance Hydro, LLC	1,370	-	-	19	-	1,370
Amelia M Collins	51	-	-	1	-	51
Andrews Truss, Inc.	115	-	-	1	-	115
Anna L Reilly	62	-	-	1	-	62
Aquenergy Corp.	108,757	-	-	1,564	-	108,757
Berjouhi Keshguerian	50	-	-	1	-	50
Bernd Schneitler	109	-	-	1	-	109
Biomerieux, Inc	1,778	-	-	20	-	1,778
Black Hawk Inc	124	-	-	1	-	124
Branch, James David Dr	108	-	-	1	-	108
Byron P Matthews	29	-	-	-	-	29
Catawba County	96,245	-	-	2,718	-	96,245
Chapel Hill Tire Co	224	-	-	2	-	224
Cherokee County	3,633,587	-	1,206,429	43,236	1,718,957	708,201
Clark H Mizell	130	-	-	2	-	130
Cliffside Mills LLC	5,702	-	-	74	-	5,702
Converse Energy	3,683	-	-	57	-	3,683
Daniel L Kerns	344	-	-	4	-	344
Dave K Birkhead	18	-	-	-	-	18
David A Ringenburg	40	-	-	1	-	40
David Boyer	20	-	-	-	-	20
David E. Shi	38	-	-	1	-	38
David H Newman	73	-	-	1	-	73
David M Thomas	77	-	-	1	-	77
David W Walters	57	-	-	1	-	57
David Wiener	29	-	-	-	-	29
Decision Support	434	-	-	5	-	434
Delta Products Corp.	360	-	-	4	-	360
Dirk J Spruyt	53	-	-	1	-	53

Purchased Power Cogen, Purpa, Small Power Producers	Total $	Capacity MW	 $	Non-Capacity MWH	 Fuel $	 Non-Fuel $
Earnhardt-Childress Racing Technologies, LLC	258	-	-	4	-	258
Edward W Witkin	64	-	-	1	-	64
Fogleman Construction, Inc	35	-	-	-	-	35
Frances L. Thomson	60	-	-	1	-	60
Gail D Schmidt	51	-	-	1	-	51
Gas Recovery Systems, LLC	145,102	-	-	2,196	107,824	37,278
George Franklin Fralick	30	-	-	-	-	30
Gerald Priebe	86	-	-	1	-	86
Gerald W. Meisner	77	-	-	1	-	77
Greenville Gas Producer, LLC	86,464	-	-	1,484	72,869	13,595
Gwenyth T Reid	52	-	-	1	-	52
H Malcolm Hardy	38	-	-	-	-	38
Haneline Power, LLC	4,883	-	-	64	-	4,883
Haw River Hydro Co	8,614	-	-	240	-	8,614
Hayden-Harman Foundation	27	-	-	-	-	27
Hendrik J Rodenburg	41	-	-	-	-	41
Henry Jay Becker	72	-	-	1	-	72
HMS Holdings Limited Partnership	263	-	-	4	-	263
Holzworth Holdings	11	-	-	-	-	11
Innovative Solar Solutions	47	-	-	1	-	47
Irvine River Company	28,240	-	-	349	-	28,240
Jafasa Farms	137	-	-	1	-	137
James B Sherman	50	-	-	1	-	50
James J Boyle	45	-	-	-	-	45
James Richard Trevathan	28	-	-	-	-	28
Jeffery Lynn Pardue	50	-	-	1	-	50
Jerome Levit	20	-	-	-	-	20
Jody Fine	21	-	-	-	-	21
Joel L. Hager	41	-	-	1	-	41
John B Robbins	130	-	-	1	-	130
John H. Diliberti	126	-	-	1	-	126
Keith Adam Smith	26	-	-	-	-	26
KMBA, LLC	121	-	-	1	-	121
Lamar Bailes	48	-	-	1	-	48
Laura J Ballance	83	-	-	1	-	83
Leon's Beauty School, Inc	496	-	-	6	-	496
Linda Alexander	28	-	-	-	-	28
Marilyn M Norfolk	38	-	-	-	-	38
Mark A Powers	20	-	-	-	-	20
Mary K Nicholson	44	-	-	1	-	44
Matthew T. Ewers	16	-	-	-	-	16
Mayo Hydro	18,949	-	-	313	-	18,949
Michael G Hitchcock	114	-	-	1	-	114
Mill Shoals Hydro	28,081	-	-	685	-	28,081
MP Durham, LLC	110,925	-	-	1,913	93,904	17,021
Mr Lawrence B Miller	38	-	-	1	-	38
Northbrook Carolina Hydro	102,383	-	-	1,540	-	102,383
Oakdale Holding LLC	137	-	-	2	-	137
Oenophilia	263	-	-	3	-	263
Optima Engineering	105	-	-	1	-	105
Pacifica HOA	53	-	-	1	-	53
Paul C Kuo	38	-	-	-	-	38
Paul G. Keller	43	-	-	1	-	43
Pelzer Hydro Co.	158,843	-	-	2,309	-	158,843
Peter J Jarosak	19	-	-	-	-	19
Philip E Miner	67	-	-	1	-	67
Phillip B. Caldwell	41	-	-	-	-	41
Pickins Mill Hydro LLC	19,914	-	-	248	-	19,914
Pippin Home Designs, Inc	28	-	-	-	-	28
PRS-PK Engines, LLC	289	-	-	5	-	289
R Lawrence Ashe Jr	57	-	-	1	-	57
Rajah Y Chacko	33	-	-	-	-	33
Rajendra Morey	65	-	-	1	-	65
Ramona L Sherwood	48	-	-	1	-	48
Raylen Vineyards Inc	164	-	-	2	-	164
Rebecca G Laskody	36	-	-	-	-	36
Rebecca T Cobey	14	-	-	-	-	14
Ron B Rozzelle	64	-	-	1	-	64
Ronald R Butters	63	-	-	1	-	63
Rousch & Yates Racing Engines, LLC	477	-	-	8	-	477
Russell Von Stein	26	-	-	-	-	26

AUGUST 2010

Purchased Power Cogen, Purpa, Small Power Producers	Total $	Capacity MW	 $	Non-Capacity MWH	 Fuel $	 Non-Fuel $
Salem Energy Systems	145,074	-	-	2,210	-	145,074
Samuel B Moore	27	-	-	-	-	27
Samuel C Province	134	-	-	2	-	134
Scot Friedman	62	-	-	1	-	62
Shawn Slome	16	-	-	-	-	16
South Yadkin Power	6,039	-	-	81	-	6,039
Stanley Chamberlain	94	-	-	1	-	94
Steven Graf	58	-	-	1	-	58
Stewart A Bible	12	-	-	-	-	12
Strates Inc	78	-	-	1	-	78
Sun Capital, Inc	285	-	-	3	-	285
Sun Edison LLC	43,587	-	-	643	31,565	12,022
T.S. Designs, Inc.	112	-	-	1	-	112
The Rocket Shop, LLC	28	-	-	-	-	28
Theresa S Greene	19	-	-	-	-	19
Thomas Christopher	23	-	-	-	-	23
Thomas Knox Worde	31	-	-	-	-	31
Thomas W Bates	44	-	-	1	-	44
Timberlyne	260	-	-	3	-	260
Town of Chapel Hill	17	-	-	-	-	17
Town of Lake Lure	18,689	-	-	304	-	18,689
W B Moore Co of Char	379	-	-	4	-	379
W. Jefferson Holt	131	-	-	1	-	131
Wallace & Graham PA	2,253	-	-	26	-	2,253
Walter C. McGervey	4	-	-	-	-	4
White Oak of Saluda, LLC	22	-	-	-	-	22
William Terry Baker	53	-	-	1	-	53
Yves Naar	15	-	-	-	-	15
	$ 4,790,121	**-**	**$ 1,206,429**	**62,424**	**$ 2,025,119**	**$ 1,558,573**
TOTAL PURCHASED POWER	**$ 23,719,478**	**621**	**$ 4,191,132**	**501,595**	**$ 12,609,938**	**$ 6,918,408**
INTERCHANGES IN						
Other Catawba Joint Owners	6,512,584	-	-	686,210	3,622,308	2,890,276
Total Interchanges In	6,512,584	-	-	686,210	3,622,308	2,890,276
INTERCHANGES OUT						
Other Catawba Joint Owners	(6,304,496)	(866)	(134,209)	(660,874)	(3,488,752)	(2,681,535)
Catawba- Net Negative Generation	-	-	-	-	-	-
Total Interchanges Out	(6,304,496)	(866)	(134,209)	(660,874)	(3,488,752)	(2,681,535)
Net Purchases and Interchange Power	**$ 23,927,566**	**(245)**	**$ 4,056,923**	**526,931**	**$ 12,743,494**	**$ 7,127,149**

DUKE ENERGY CAROLINAS
INTERSYSTEM SALES*
SOUTH CAROLINA

AUGUST 2010

Schedule 3, SC, Sales, Month
Exhibit A, Page 4 of 4

SALES	TOTAL CHARGES	CAPACITY MW	CAPACITY $	ENERGY MWH	ENERGY FUEL $	ENERGY NON-FUEL $
Utilities:						
SC Public Service Authority - Emergency	$ 89,749	-	$ -	1,454	$ 69,134	$ 20,615
Market Based:						
American Electric Power Services Corp.	5,600	-	-	100	4,787	813
Cargill-Alliant, LLC	483,163	-	-	6,170	302,225	180,938
Cobb Electric Membership Corp	106,671	-	-	1,436	67,363	39,308
Constellation Power Sources	13,190	-	-	190	9,125	4,065
East Kentucky Power Coop.	34,000	-	-	400	21,718	12,282
MISO	99,813	-	-	1,000	127,010	(27,197)
Morgan Stanley	14,000	-	-	200	9,708	4,292
NCEMC (Generator/Instantaneous)	153,625	25	125,000	491	22,952	5,673
NCMPA #1	385,151	50	216,500	2,501	125,496	43,155
NCMPA #1 - Rockingham	573,381	50	157,500	8,000	392,416	23,465
PJM Interconnection LLC	8,447,252	-	-	109,507	5,492,086	2,955,166
Power South Coop	2,040	-	-	30	1,397	643
Progress Energy Carolinas	181,530	-	-	2,915	135,603	45,927
SC Electric & Gas Market based	5,525	-	-	-	-	5,525
The Energy Authority	9,875	-	-	150	6,943	2,932
TVA	104,500	-	-	1,200	63,035	41,465
Other:						
Generation Imbalance	334,874	-	-	4,170	227,809	107,065
BPM Transmission	(643,816)	-	-	-	-	(643,816)
Total Intersystem Sales	**$ 10,400,123**	**125**	**$ 499,000**	**139,914**	**$ 7,078,807**	**$ 2,822,316**

* Sales for resale other than native load priority.

NOTE(S): Detail amounts may not add to totals shown due to rounding.

Exhibit A
Schedule 4

Duke Energy Carolinas
Over / (Under) Recovery of Fuel Costs
August 2010
SC Code Ann. §58-27-865

Line No.			Residential	Commercial	Industrial	Total
1	S.C. Retail kWh sales	Input	740,718,138	584,112,448	796,291,836	2,121,122,422
	Base fuel component of recovery					
2	Billed base fuel rate (¢/kWh)	Input	1.9606	1.9606	1.9606	1.9606
3	Billed base fuel expense	L1 * L2 /100	$14,522,520	$11,452,109	$15,612,098	$41,586,727
4	Incurred base fuel rate (¢/kWh)	Input	2.3215	2.3215	2.3215	2.3215
5	Incurred base fuel expense	L1 * L4 / 100	$17,195,772	$13,560,170	$18,485,915	$49,241,857
6	Difference in ¢/kWh (Billed - Incurred)	L2 - L4	(0.3609)	(0.3609)	(0.3609)	(0.3609)
7	Base fuel over/(under) recovery	L1 * L6 / 100	**($2,673,252)**	**($2,108,062)**	**($2,873,817)**	**($7,655,131)**
	7a Prior period adjustment expense _/1	Input				$0
	Environmental component of recovery					
8	Billed rates by class (¢/kWh)	Input	0.0047	0.0058	0.0038	0.0047
9	Billed environmental expense	L8 * L1 / 100	$34,814	$33,879	$30,259	$98,951
10	Incurred rate by class (¢/kWh)	Input	0.0339	0.0295	0.0215	0.0280
11	Incurred environmental expense	L10 * L1 / 100	$250,907	$172,045	$171,332	$594,284
12	Difference in ¢/kWh (Billed - Incurred)	L8 - L10	(0.0292)	(0.0237)	(0.0177)	(0.0234)
13	Environmental over/(under) recovery	L9 - L11	**($216,093)**	**($138,167)**	**($141,073)**	**($495,333)**
	13a Prior period adjustment expense _/1	Input	7,655	(6,324)	(1,331)	$0
	Economic purchase component of recovery					
14	S.C. kWh sales % by class	L1 / L1T	34.92%	27.54%	37.54%	100.00%
15	Economic purchase accrual	L15T * L14	**($254,042)**	**($200,332)**	**($273,102)**	**($727,476)**
	15a Prior period adjustment expense _/1	Input	$0	$0	$0	$0
	Total over/(under) recovery					
16	Current month	L7 + L13 + L15	**($3,143,387)**	**($2,446,561)**	**($3,287,992)**	**($8,877,940)**
	16a Current month w/adjustments	L16+(7a+13a+15a)	**($3,135,732)**	**($2,452,885)**	**($3,289,323)**	**($8,877,940)**

	17 Cumulative over / (under) recovery	Cumulative	Residential	Commercial	Industrial	Total Company
	Balance ending May 2010 _/2	$57,028,206				
	June	$45,149,223	($3,621,374)	($3,269,493)	($4,988,116)	($11,878,983)
	July	33,013,769	(4,490,744)	(3,393,752)	(4,250,958)	(12,135,454)
_/1	August	24,135,829	(3,135,732)	(2,452,885)	(3,289,323)	(8,877,940)
	September					
	October					
	November					
	December					
	January					
	February					
	March					
	April					
	May					

_/1 Prior period adjustments recalculated using appropriate period sales; therefore, detail calculations not shown.

_/2 May 2010 ending balance reflects the economic purchase adjustment for review period ended 5/31/2010 pursuant to Docket 2010-3-E.

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED COST REPORT
August 2010

Description	Allen Steam	Belews Creek Steam	Buck Steam/CT	Buzzard Roost CT	Catawba Nuclear	Cliffside Steam	Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	McGuire Nuclear	Mill Creek CT	Oconee Nuclear	Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME August 2010
Cost of Fuel Received																	
Coal (F)	$14,137,057	$31,620,017	$10,200,502			$8,489,964	$8,470,019	$8,939,272		$42,710,374				$6,574,863		$131,142,067	$1,163,185,364
Biomass	-	-	-			-	-	201,190		-				-		201,190	527,625
Fuel Oil	225,337	350,338	104,082	-		114,079	240,723	-	-	349,697		-		170,548	-	1,554,804	16,956,768
Gas			372	-			350	29,096	1,655,601			1,364,055		600	5,113,634	8,163,708	33,649,217
Total	$14,362,394	$31,970,355	$10,304,956	$0		$8,604,043	$8,711,092	$9,169,559	$1,655,601	$43,060,071		$1,364,055		$6,746,010	$5,113,634	$141,061,769	1,214,318,974
Received (¢/MBTU) Avg																	
Coal	383.72	385.43	387.47			380.14	401.53	387.28		369.87				374.74		380.41	373.29
Biomass								504.54						-		504.54	481.18
Fuel Oil	1,577.66	1,634.04	1,652.36	-		1,595.95	1,568.84	-	-	1,690.34		-		1,625.66	-	1,624.78	1,545.77
Gas			-	-			-	569.28	423.44			408.35		-	425.23	422.40	480.83
Weighted Average	388.33	388.68	390.51	-		384.02	409.97	389.66	423.44	372.23		408.35		382.20	425.23	386.03	379.70
Cost of Fuel Burned($)																	
Coal (F)	$21,649,698	$55,003,452	$6,800,041			$13,027,890	$4,224,012	$6,638,080		$41,027,424				$7,857,239		$156,227,836	$1,375,397,684
Biomass	-	-	-			-	-	159,704		-				-		159,704	483,367
Fuel Oil	226,249	291,192	110,172	-		15,528	62,835	80,428	32,994	196,972		4,053		126,452	-	1,146,875	16,782,764
Gas			372	-			350	29,096	1,655,601			1,364,055		600	5,113,634	8,163,708	33,649,217
Nuclear					8,747,845						8,806,774		9,632,617			27,187,236	280,431,635
Total	$21,875,947	$55,294,644	$6,910,585	$0	$8,747,845	$13,043,418	$4,287,197	$6,907,308	$1,688,595	$41,224,396	$8,806,774	$1,368,108	$9,632,617	$7,984,291	$5,113,634	$192,885,359	$1,706,744,667
Burned (¢/MBTU) Avg																	
Coal	398.68	396.36	386.34			379.55	402.23	375.13		354.07				363.26		380.39	364.39
Biomass	-	-	-			-	-	505.82		-				-		505.82	499.61
Fuel Oil	1,567.58	1,597.67	1,610.47	-		1,578.05	1,635.90	1,552.66	1,190.69	1,637.34		896.68		1,548.14	-	1,572.66	1,508.84
Gas			-	-			-	569.28	423.44			408.35		-	425.23	422.40	480.83
Nuclear					50.96						50.89		51.40			51.09	48.54
Weighted Average	401.78	397.94	391.10	-	50.96	379.89	406.76	381.32	428.84	355.40	50.89	409.01	51.40	367.74	425.23	200.25	177.15
Generated (¢/kWh) Avg																	
Coal	4.25	3.67	4.46			3.66	4.73	4.24		3.33				4.00		3.73	3.50
Biomass	-	-	-			-	-	4.59		-				-		4.59	6.16
Fuel Oil	-	-	(B)	(B)		-	(B)	INF.	15.49	-		11.26		(B)	-	INF.	(B)
Gas			-	-			-	10.90	5.50			5.12		-	4.64	4.88	5.56
Nuclear					0.52						0.52		0.53			0.52	0.49
Weighted Average	4.29	3.69	4.53	(B)	0.52	3.67	4.81	4.31	5.57	3.34	0.52	5.13	0.53	4.07	4.64	2.02	1.76
Burned MBTU's																	
Coal	5,430,351	13,877,133	1,760,099			3,432,480	1,050,144	1,769,552		11,587,538				2,163,003		41,070,300	377,449,037
Biomass	-	-	-			-	-	31,573		-				-		31,573	96,748
Fuel Oil	14,433	18,226	6,841	-		984	3,841	5,180	2,771	12,030		452		8,168	-	72,926	1,112,293
Gas			-	-			-	5,111	390,985			334,040		-	1,202,569	1,932,705	6,998,175
Nuclear					17,167,443						17,305,829		18,741,680			53,214,952	577,769,579
Total	5,444,784	13,895,359	1,766,940	-	17,167,443	3,433,464	1,053,985	1,811,416	393,756	11,599,568	17,305,829	334,492	18,741,680	2,171,171	1,202,569	96,322,456	963,425,832
Net Generation (mWh)																	
Coal	509,859	1,497,762	152,420			355,487	89,222	156,556		1,233,260				196,415		4,190,981	39,254,495
Biomass	-	-	-			-	-	3,479		-				-		3,479	7,850
Fuel Oil	-	-	(34)	(95)		-	(37)	126	213	-		36		(92)	-	117	(10,209)
Gas			-	-			-	267	30,081			26,654		-	110,302	167,304	605,269
Nuclear					1,684,985						1,681,986		1,818,373			5,185,344	57,096,091
Total	509,859	1,497,762	152,386	(95)	1,684,985	355,487	89,185	160,428	30,294	1,233,260	1,681,986	26,690	1,818,373	196,323	110,302	9,547,225	96,953,496
Cost of Reagents Burned ($)																	
Ammonia		420,047				40,616				-						460,663	5,503,203
Limestone	196,828	485,266								663,893						1,345,987	14,095,871
Urea	98,451		5,013			366,383				42,344						512,192	4,786,463
Organic Acid	-	-				-				-						-	-
Total	295,279	905,313	5,013			406,999				706,238						2,318,842	24,385,537

(A) Detail amounts may not add to totals shown due to rounding.
(B) Cents/kWh not computed when costs and/or net generation is negative.
(C) Fuel costs based on recoverability unless otherwise noted. Data reflected at 100% ownership.
(D) Cost of fuel burned excludes $41,353 associated with emission allowance expense for the month and $394,790 for the twelve months ended.
(E) Twelve months ended total reflects biomass data included with Coal prior to 2010.
(F) Twelve months ended December 2009 forward reflects a change to fuel cost and associated data for coal/biomass in Sep09.
Note: Coal Inventory Ending Balance excludes 26,128 tons and $2,089,814 associated with Docks Creek for the current month.

Exhibit A
Schedule 5

DUKE ENERGY CAROLINAS
FUEL AND FUEL RELATED CONSUMPTION AND INVENTORY REPORT
August 2010

Description	Allen Steam	Belews Creek Steam	Buck Steam/CT	Buzzard Roost CT	Cliffside Steam	Dan River Steam/CT	Lee Steam/CT	Lincoln CT	Marshall Steam	Mill Creek CT	Riverbend Steam/CT	Rockingham CT	Current Month	Total 12 ME August 2010
Coal Data:														
Beginning balance	411,626	776,139	18,520		214,578	10,881	39,960		514,684		103,816		2,090,204	4,231,757
Tons received during period	152,555	334,199	108,559		91,448	87,806	92,715		471,550		71,057		1,409,890	12,696,888
Moisture adjustments (H)	(3,910)	(836)	925		279	(261)	239		(1,684)		1,206		(4,044)	(3,566)
Tons burned during period (B) (H)	222,735	566,929	73,088		141,716	43,845	70,799		465,427		89,622		1,674,160	15,103,190
Ending balance	337,535	542,573	54,917		164,590	54,581	62,115		519,123		86,456		1,821,890	1,821,890
MBTUs per ton burned	24.38	24.48	24.08		24.22	23.95	24.99		24.90		24.13		24.53	24.99
Cost of ending inventory ($/ton)	98.32	97.16	91.47		91.78	96.81	93.39		88.43		86.45		93.58	93.58
Biomass/Test Fuel Data:														
Beginning balance			381				126						507	614
Tons received during period			-				4,456						4,456	11,832
Inventory adjustments			-				(1)						(1)	(616)
Tons burned during period			-				3,528						3,528	10,396
Ending balance			381				1,053						1,434	1,434
Cost of ending inventory ($/ton)			28.50				45.25						40.80	40.80
Fuel Oil Data:														
Beginning balance	89,570	230,122	313,050	1,536,309	43,892	161,309	598,939	8,695,601	184,650	3,936,789	194,690	2,254,372	18,239,293	18,989,525
Gallons received during period	103,659	155,700	45,697	-	51,971	111,064	-	-	150,551	-	75,896	-	694,538	7,950,367
Miscellaneous usage, transfers and adjustments	(5,849)	(12,639)	(2,967)	-	(10,896)	(1,873)	(1,967)	-	(31,366)	-	(1,931)	-	(69,488)	(541,307)
Gallons burned during period	104,745	132,360	49,627	-	7,156	27,803	37,645	20,621	87,543	3,242	59,090	-	529,832	8,064,074
Ending balance	82,635	240,823	306,153	1,536,309	77,811	242,697	559,327	8,674,980	216,292	3,933,547	209,565	2,254,372	18,334,511	18,334,511
Cost of ending inventory ($/gal)	2.17	2.20	2.21	0.79	2.13	2.26	2.11	1.60	2.25	1.25	2.15	2.34	1.61	1.61
Gas Data: (C)														
Beginning balance														
MCF received during period			-	-		-	5,031	384,744		328,456	-	1,183,631	1,901,862	6,854,247
MCF burned during period			-	-		-	5,031	384,744		328,456	-	1,183,631	1,901,862	6,854,247
Ending balance														
Cost of ending inventory ($/mcf)														
Limestone Data:														
Beginning balance	19,643	28,210			4,328				35,462				87,643	89,471
Tons received during period	-	23,192			210				27,321				50,722	512,854
Tons burned during period (B)	6,554	17,880			-				22,482				46,916	510,876
Ending balance	13,088	33,522			4,538				40,301				91,449	91,449
Cost of ending inventory ($/ton)	30.03	27.15			25.15				29.53				28.51	28.51

(A) Detail amounts may not add to totals shown due to rounding.
(B) Twelve months ended includes aerial survey adjustment(s) reflected in the tons burned and cost of inventory lines for coal and limestone.
(C) Gas is burned as received; therefore, inventory balances are not maintained.
(D) Twelve months ended total reflects biomass data included with Coal prior to 2010.
(H) Twelve months ended December 2009 forward reflects a change for the correct placement of an inventory adjustment made in September 2009.
Note: Coal Inventory Ending Balance excludes 26,128 tons and $2,089,814 associated with Docks Creek for the current month.

Exhibit A
Schedule 6

SCHEDULE 7

DUKE ENERGY CAROLINAS
ANALYSIS OF COAL PURCHASES
August 2010

STATION	TYPE	QUANTITY OF TONS DELIVERED	DELIVERED COST	DELIVERED COST PER TON
ALLEN	SPOT	32,525	$ 2,582,873.41	$ 79.41
	CONTRACT	120,030	10,871,152.06	90.57
	ADJUSTMENTS	-	683,031.41	-
	TOTAL	152,555	14,137,056.88	92.67
BELEWS CREEK	SPOT	21,711	1,772,121.94	81.62
	CONTRACT	312,488	29,025,716.05	92.89
	ADJUSTMENTS	-	822,178.51	-
	TOTAL	334,199	31,620,016.50	94.61
BUCK	SPOT	-	-	-
	CONTRACT	108,559	9,909,779.99	91.28
	ADJUSTMENTS	-	290,721.97	-
	TOTAL	108,559	10,200,501.96	93.96
CLIFFSIDE	SPOT	10,455	782,425.11	74.84
	CONTRACT	80,993	7,662,507.38	94.61
	ADJUSTMENTS	-	45,031.34	-
	TOTAL	91,448	8,489,963.83	92.84
DAN RIVER	SPOT	-	-	-
	CONTRACT	87,806	8,267,488.82	94.16
	ADJUSTMENTS	-	202,530.25	-
	TOTAL	87,806	8,470,019.07	96.46
LEE	SPOT	-	3,556.04	-
	CONTRACT	92,715	8,837,981.96	95.32
	ADJUSTMENTS	-	97,734.33	-
	TOTAL	92,715	8,939,272.33	96.42
MARSHALL	SPOT	24,132	2,010,822.72	83.33
	CONTRACT	447,418	40,419,643.28	90.34
	ADJUSTMENTS	-	279,907.60	-
	TOTAL	471,550	42,710,373.60	90.57
RIVERBEND	SPOT	35,819	3,345,453.81	93.40
	CONTRACT	35,238	3,193,311.01	90.62
	ADJUSTMENTS	-	36,097.90	-
	TOTAL	71,057	6,574,862.72	92.53
ALL PLANTS	SPOT	124,642	10,497,253.03	84.22
	CONTRACT	1,285,247	118,187,580.55	91.96
	ADJUSTMENTS	-	2,457,233.31	-
	TOTAL	1,409,890	$ 131,142,066.89	$ 93.02

SCHEDULE 8

Duke Energy Carolinas
Analysis of Quality of Coal Received
August 2010

Station	Percent Moisture	Percent Ash	Heat Value	Percent Sulfur
Allen	7.20	12.04	12,075	1.10
Belews Creek	6.37	11.74	12,274	0.92
Buck	6.38	12.15	12,125	0.75
Cliffside	7.19	10.42	12,211	1.20
Dan River	7.22	11.61	12,012	0.76
Lee	6.74	9.94	12,448	0.88
Marshall	6.70	11.45	12,244	1.13
Riverbend	6.33	10.93	12,346	0.97

Schedule 9

Duke Energy Carolinas
Analysis of Cost of Oil Purchases
August 2010

Station	Allen	Belews Creek	Buck	Cliffside	Dan River	Marshall	Riverbend
Vendor	HighTowers	HighTowers	HighTowers	HighTowers	HighTowers	High Towers	HighTowers
Spot / Contract	Contract	Contract	Contract	Contract	Contract	Contract	Contract
Sulfur Content %	0	0	0.02	0	0.03	0	0.01
Gallons Received	103,659	155,700	45,697	51,971	111,064	150,551	75,896
Total Delivered Cost	$ 225,337.24	$ 350,338.33	$ 104,082.39	$ 114,078.85	$ 240,723.06	$ 349,696.91	$ 170,547.60
Delivered Cost/Gal	$ 2.17	$ 2.25	$ 2.28	$ 2.20	$ 2.17	$ 2.32	$ 2.25
BTU/Gallon	137,792	137,702	137,850	137,532	138,152	137,416	138,229

Exhibit A
Schedule 9

DUKE ENERGY CAROLINAS
POWER PLANT PERFORMANCE DATA
TWELVE MONTHS SUMMARY

September,2009 - August,2010

Plant Name	Generation MWH	Capacity Rating MW	Capacity Factor %	Net Equivalent Availability %
Oconee	20,375,028	2,538	91.64	89.64
McGuire	17,785,475	2,200	92.29	88.80
Catawba	18,935,588	2,258	95.73	93.55

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
September 2009 through August 2010
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Belews Creek 1	8,557,894	1,110	88.01	92.68
Belews Creek 2	5,983,662	1,110	61.54	70.83

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
September 2009 through August 2010
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Cliffside 5	2,558,800	562	51.98	66.19
Marshall 1	2,083,422	380	62.59	87.15
Marshall 2	1,972,498	380	59.26	85.64
Marshall 3	4,742,365	658	82.27	89.93
Marshall 4	4,847,854	660	83.85	90.97

Duke Energy Carolinas
Power Plant Performance Data

Twelve Month Summary
September 2009through August 2010
Other Cycling Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Allen 1	591,410	163	41.36	95.71
Allen 2	499,110	163	34.90	94.21
Allen 3	1,208,512	263	52.52	92.47
Allen 4	1,245,127	278	51.19	90.44
Allen 5	1,187,062	268	50.63	95.51
Buck 3	65,988	75	10.04	98.32
Buck 4	36,662	38	11.01	98.47
Buck 5	468,107	128	41.75	94.29
Buck 6	454,851	128	40.57	89.69
Cliffside 1	6,091	38	1.83	96.95
Cliffside 2	6,764	38	2.03	96.94
Cliffside 3	15,959	61	2.99	96.48
Cliffside 4	16,812	61	3.15	45.79
Dan River 1	88,310	67	15.05	93.45
Dan River 2	91,850	67	15.65	94.06
Dan River 3	334,201	142	26.87	88.39
Lee 1	215,294	100	24.58	92.21
Lee 2	219,780	100	25.09	91.63
Lee 3	580,122	170	38.96	94.41
Riverbend 4	214,271	94	26.02	96.40
Riverbend 5	200,597	94	24.36	96.13
Riverbend 6	381,858	133	32.78	93.27
Riverbend 7	387,112	133	33.23	91.42

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
September,2009 through August,2010
Combustion Turbines

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Buck CT	-371	72	100.00
Buzzard Roost CT	-1,349	193	100.00
Dan River CT	-416	60	85.12
Lee CT	2,208	82	98.91
Lincoln CT	82,786	1,264	99.74
Mill Creek CT	82,813	592	99.67
Riverbend CT	-967	83	88.36
Rockingham CT	430,356	825	92.20

Duke Energy Carolinas

Power Plant Performance

12 Months Ended August 2010

Name of Plant	Generation (MWH)	Capacity Rating (MW)	Operating Availability (%)
Conventional Hydro Plants			
Bridgewater	68,969	23.000	97.81
Cedar Creek	178,249	45.000	99.12
Cowans Ford	197,697	325.000	98.55
Dearborn	166,315	42.000	97.93
Fishing Creek	177,483	49.000	98.64
Gaston Shoals	14,899	4.600	41.98
Great Falls	14,106	24.000	45.46
Keowee	85,467	157.500	97.03
Lookout Shoals	104,312	27.000	90.58
Mountain Island	141,212	62.000	97.49
Ninety Nine Island	80,438	18.000	60.40
Oxford	126,927	40.000	98.66
Rhodhiss	76,468	30.500	97.78
Rocky Creek	(938)	28.000	-
Tuxedo	18,847	6.400	56.48
Wateree	270,654	85.000	93.91
Wylie	179,428	72.000	97.22
Nantahala	183,093	50.000	95.79
Queens Creek	4,820	1.440	95.75
Thorpe	99,835	19.700	96.36
Tuckasegee	8,568	2.500	94.28
Tennessee Creek	41,674	9.800	72.15
Bear Creek	37,627	9.450	96.08
Cedar Cliff	28,106	6.380	96.11
Mission	3,585	1.800	87.37
Franklin	(9)	1.040	66.71
Bryson	355	1.040	82.86
Dillsboro	-	0.230	50.00
Total Conventional	2,308,187		
Pumped Storage Plants			
Jocasee	1,024,655	730.000	84.33
Bad Creek	1,875,556	1,360.000	93.45
Total	2,900,211		
Less Energy for Pumping			
Jocasee	(1,204,463)		
Bad Creek	(2,374,458)		
Total	(3,578,921)		
Total Pumped Storage			
Jocassee	(179,808)		
Bad Creek	(498,902)		
Total	(678,710)		

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

PERIOD: August, 2010

PLANT	UNIT	DATE OF OUTAGE	DURATION OF OUTAGE	SCHEDULED / UNSCHEDULED	CAUSE OF OUTAGE	REASON OUTAGE OCCURRED	REMEDIAL ACTION TAKEN
Oconee	1	08/07/2010-08/09/2010	44.70	UNSCHEDULED	1A1 & 1A2 REACTOR COOLANT PUMP HIGH VIBRATION	FAILED CIRCUIT CARD CAUSED THE 1A1 & 1A2 REACTOR COOLANT PUMP VIBRATION TO EXCEED THE PUMP TRIP CRITERIA. REACTOR TRIPPED AND PUMPS SECURED	FAULTY CARD WAS REPAIRED
	2	None					
	3	None					
McGuire	1	None					
	2	None					
Catawba	1	None					
	2	None					

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

August 2010

Belews Creek Steam Station

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
02	7/31/2010 4:56:00 AM To 8/1/2010 8:55:00 AM	Sch	1000	BOILER TUBE WATERWALL (FURNACE WALL) LEAK	water wall tube leak	

Unit	Duration of Outage	Type of Outage	Cause of Outage		Reason Outage Occurred	Remedial Action Taken
01	8/5/2010 8:05:00 PM To 8/8/2010 3:29:00 AM	Unsch	1060	FIRST REHEATER LEAKS	reheat tube leak	

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
August, 2010
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	744		744		744	
(C1) Net Gen (MWH) and Capacity Factor	560973	89.12	637251	101.24	620149	98.53
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	308	0.05	245	0.04	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	37816	6.01	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	30327	4.82	-8072	-1.28	9275	1.47
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	629424	100.00 %	629424	100.00 %	629424	100.00 %
(I) Equivalent Availability		89.34		99.96		97.87
(J) Output Factor		94.82		101.24		98.53
(K) Heat Rate		10,444		10,224		10,268

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
August, 2010
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	744		744	
(C1) Net Gen (MWH) and Capacity Factor	847276	103.53	834710	101.99
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	0	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-28876	-3.53	-16310	-1.99
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	818400	100.00 %	818400	100.00 %
(I) Equivalent Availability		100.00		100.00
(J) Output Factor		103.53		101.99
(K) Heat Rate		10,213		10,366

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
August,2010
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	744		744	
(C1) Net Gen (MWH) and Capacity Factor	848280	100.99	836705	99.61
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	40	0.00
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-8304	-0.99	3231	0.39
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	839976	100.00 %	839976	100.00 %
(I) Equivalent Availability		100.00		98.64
(J) Output Factor		100.99		99.61
(K) Heat Rate		10,192		10,185

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

August 2010

Belews Creek Steam Station

	Unit 1	Unit 2
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	744	744
(C1) Net Generation (mWh)	723,085	774,677
(C1) Capacity Factor	87.56	93.80
(D1) Net mWh Not Generated due to Full Scheduled Outages	0	9,898
(D1) Scheduled Outages: percent of Period Hrs	0.00	1.20
(D2) Net mWh Not Generated due to Partial Scheduled Outages	0	0
(D2) Scheduled Derates: percent of Period Hrs	0.00	0.00
(E1) Net mWh Not Generated due to Full Forced Outages	61,494	0
(E1) Forced Outages: percent of Period Hrs	7.45	0.00
(E2) Net mWh Not Generated due to Partial Forced Outages	7,817	30
(E2) Forced Derates: percent of Period Hrs	0.95	0.00
(F) Net mWh Not Generated due to Economic Dispatch	33,444	41,235
(F) Economic Dispatch: percent of Period Hrs	4.05	4.99
(G) Net mWh Possible in Period	825,840	825,840
(H) Equivalent Availability	91.61	98.80
(I) Output Factor (%)	94.60	94.94
(J) Heat Rate (BTU/NkWh)	9,224	9,327

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

August 2010
Marshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	658	660
(B) Period Hrs	744	744	744	744
(C1) Net Generation (mWh)	199,111	192,686	396,479	444,984
(D) Net mWh Possible in Period	282,720	282,720	489,552	491,040
(E) Equivalent Availability	86.86	89.63	93.04	100.00
(F) Output Factor (%)	81.08	79.74	86.75	90.62
(G) Capacity Factor	70.43	68.15	80.99	90.62

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

August 2010
Cliffside Steam Station

		Cliffside 5
(A)	MDC (mWh)	562
(B)	Period Hrs	744
(C1)	Net Generation (mWh)	355,851
(D)	Net mWh Possible in Period	418,128
(E)	Equivalent Availability	95.74
(F)	Output Factor (%)	85.90
(G)	Capacity Factor	85.11

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
September,2009 - August,2010
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	8760		8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	6260261	84.47	6722752	90.71	7392015	99.74
(D1) Net MWH Not Gen Due To Full Scheduled Outages	826500	11.15	715225	9.65	0	0.00
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	24366	0.33	5797	0.08	1490	0.02
(E1) Net MWH Not Gen Due To Full Forced Outages	367519	4.96	71005	0.96	169344	2.29
*(E2) Net MWH Not Gen Due To Partial Forced Outages	-67686	-0.91	-103819	-1.40	-151889	-2.05
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	7410960	100.00 %	7410960	100.00 %	7410960	100.00 %
(I) Equivalent Availability		83.20		88.73		96.98
(J) Output Factor		100.70		101.48		102.08
(K) Heat Rate		10,218		10,135		10,069

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
September,2009 - August,2010
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	8790317	91.22	8995158	93.35
(D1) Net MWH Not Gen Due To Full Scheduled Outages	897468	9.31	897600	9.32
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	32538	0.34	34854	0.36
(E1) Net MWH Not Gen Due To Full Forced Outages	181082	1.88	40128	0.42
*(E2) Net MWH Not Gen Due To Partial Forced Outages	-265405	-2.75	-331740	-3.45
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9636000	100.00 %	9636000	100.00 %
(I) Equivalent Availability		87.85		89.76
(J) Output Factor		102.72		103.41
(K) Heat Rate		10,188		10,150

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
September,2009 - August,2010
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	8824835	89.23	10110753	102.23
(D1) Net MWH Not Gen Due To Full Scheduled Outages	1043975	10.56	0	0.00
*(D2) Net MWH Not Gen Due To Partial Scheduled Outages	29111	0.29	1993	0.02
(E1) Net MWH Not Gen Due To Full Forced Outages	147560	1.49	0	0.00
*(E2) Net MWH Not Gen Due To Partial Forced Outages	-155441	-1.57	-222706	-2.25
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9890040	100.00 %	9890040	100.00 %
(I) Equivalent Availability		87.40		99.69
(J) Output Factor		101.45		102.23
(K) Heat Rate		10,077		10,033

*Estimate
FOOTNOTE: D1 and E1 Include Ramping Losses

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

September 2009 through August 2010

Belews Creek Steam Station

	Unit 1	Unit 2
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	8,760	8,760
(C1) Net Generation (mWh)	8,557,894	5,983,662
(C1) Capacity Factor	88.01	61.54
(D1) Net mWh Not Generated due to Full Scheduled Outages	310,948	2,357,826
(D1) Scheduled Outages: percent of Period Hrs	3.20	24.25
(D2) Net mWh Not Generated due to Partial Scheduled Outages	22,267	15,992
(D2) Scheduled Derates: percent of Period Hrs	0.23	0.16
(E1) Net mWh Not Generated due to Full Forced Outages	310,819	414,530
(E1) Forced Outages: percent of Period Hrs	3.20	4.26
(E2) Net mWh Not Generated due to Partial Forced Outages	65,932	47,853
(E2) Forced Derates: percent of Period Hrs	0.68	0.49
(F) Net mWh Not Generated due to Economic Dispatch	455,741	903,737
(F) Economic Dispatch: percent of Period Hrs	4.69	9.29
(G) Net mWh Possible in Period	9,723,600	9,723,600
(H) Equivalent Availability	92.68	70.83
(I) Output Factor (%)	94.02	86.80
(J) Heat Rate (BTU/NkWh)	9,197	9,546

*Estimated

Footnote: (J) Includes Light Off BTU's

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

September 2009 through August 2010

Marshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	658	660
(B) Period Hrs	8,760	8,760	8,760	8,760
(C1) Net Generation (mWh)	2,083,422	1,972,498	4,742,365	4,847,854
(D) Net mWh Possible in Period	3,328,800	3,328,800	5,764,080	5,781,600
(E) Equivalent Availability	87.15	85.64	89.93	90.97
(F) Output Factor (%)	82.18	81.04	90.61	91.72
(G) Capacity Factor	62.59	59.26	82.27	83.85

Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan

September 2009 through August 2010

Cliffside Steam Station

		Cliffside 5
(A)	MDC (mWh)	562
(B)	Period Hrs	8,760
(C1)	Net Generation (mWh)	2,558,800
(D)	Net mWh Possible in Period	4,923,120
(E)	Equivalent Availability	66.19
(F)	Output Factor (%)	83.53
(G)	Capacity Factor	51.98

DUKE ENERGY CAROLINAS

Outages for 100MW or Larger Units

August,2010

			Full Outage Hours		
	Unit	MW	Scheduled	Unscheduled	Total
Oconee	1	846	0.00	44.70	44.70
	2	846	0.00	0.00	0.00
	3	846	0.00	0.00	0.00
McGuire	1	1100	0.00	0.00	0.00
	2	1100	0.00	0.00	0.00
Catawba	1	1129	0.00	0.00	0.00
	2	1129	0.00	0.00	0.00

Duke Energy Carolinas

Outages for 100 mW or Larger Units

August 2010

Unit Name	Capacity Rating (mW)	Full Outage Hours Scheduled	Full Outage Hours Unscheduled	Total Outage Hours
Allen 1	162	10.50	0.00	10.50
Allen 2	162	15.50	0.00	15.50
Allen 3	261	66.73	0.00	66.73
Allen 4	276	8.25	0.00	8.25
Allen 5	266	10.00	18.93	28.93
Belews Creek 1	1,110	0.00	55.40	55.40
Belews Creek 2	1,110	8.92	0.00	8.92
Buck 5	128	81.15	21.78	102.93
Buck 6	128	0.00	35.32	35.32
Cliffside 5	562	0.00	6.87	6.87
Dan River 3	142	49.82	73.58	123.40
Lee 1	100	0.00	0.00	0.00
Lee 2	100	0.00	0.00	0.00
Lee 3	170	0.00	0.00	0.00
Marshall 1	380	0.00	97.77	97.77
Marshall 2	380	77.15	0.00	77.15
Marshall 3	658	49.38	0.00	49.38
Marshall 4	660	0.00	0.00	0.00
Riverbend 6	133	0.00	0.00	0.00
Riverbend 7	133	13.00	24.75	37.75
Rockingham CT1	165	0.00	0.00	0.00
Rockingham CT2	165	0.00	0.00	0.00
Rockingham CT3	165	0.00	0.00	0.00
Rockingham CT4	165	0.00	0.00	0.00
Rockingham CT5	165	0.00	2.52	2.52